

Data File : VV011271.D
Acq On : 07 Jun 2019 04:40
Operator : SY/MD
Sample : K3197-14
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P58

Quant Time: Jun 07 08:14:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 08:11:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	160781	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	145980	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	65397	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	50605	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.58	69	37900	3.74	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.80%
11) 1,1-Dichloroethene-d2	2.12	63	87679	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	3.97	46	133022	48.50	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.00%
24) Chloroform-d	4.40	84	98768	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.08	65	55421	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.09	84	203023	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.12	67	62644	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.36	98	180907	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.67	79	19105	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.14	63	112974	52.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43718	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	61227	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

					Qvalue
3) Chloromethane	1.24	50	9769	0.637 ug/L	88
6) Bromomethane	1.53	94	2469	0.321 ug/L	87
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	907	0.087 ug/L #	24
13) Acetone	2.24	43	10239	5.568 ug/L	50
14) Carbon disulfide	2.31	76	99968	3.253 ug/L	98
15) Methyl Acetate	2.47	43	7353	1.505 ug/L #	62
25) Chloroform	4.42	83	2917	0.126 ug/L	97
34) Trichloroethene	5.96	95	1461	0.122 ug/L #	79
35) Methylcyclohexane	6.12	83	14675	0.739 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8079	0.699 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1752	0.104 ug/L #	40
48) 2-Hexanone	8.19	43	14313	2.788 ug/L #	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV011271.D

Acq On : 07 Jun 2019 04:40

Operator : SY/MD

Sample : K3197-14

Misc : 25ML/MSVOA_V/WATER

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P58

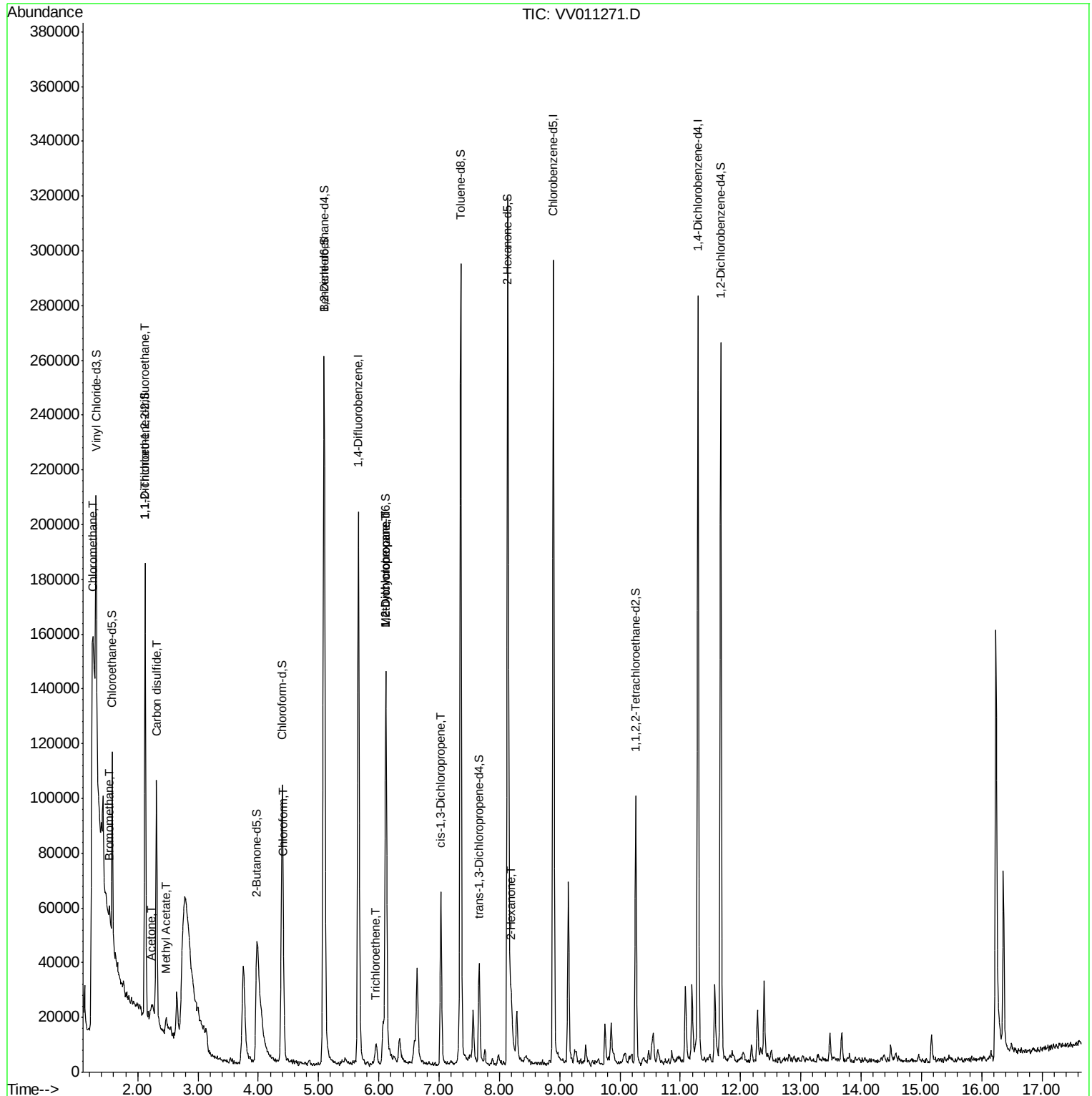
Quant Time: Jun 07 08:14:28 2019

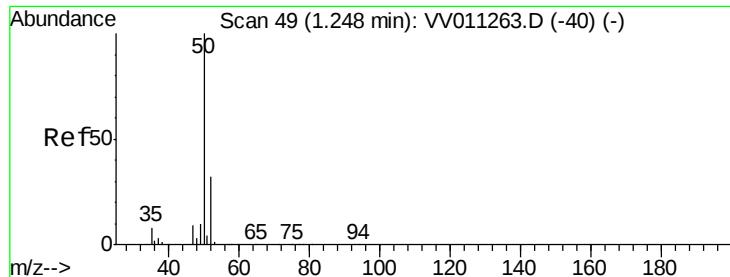
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOMVTR060419WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Jun 07 08:11:19 2019

Response via : Initial Calibration





#3

Chloromethane

Concen: 0.637 ug/L

RT: 1.24 min Scan# 48

Delta R.T. -0.00 min

Lab File: VV011271.D

Acq: 07 Jun 2019 04:40

Instrument :

MSVOA_V

ClientSampleId :

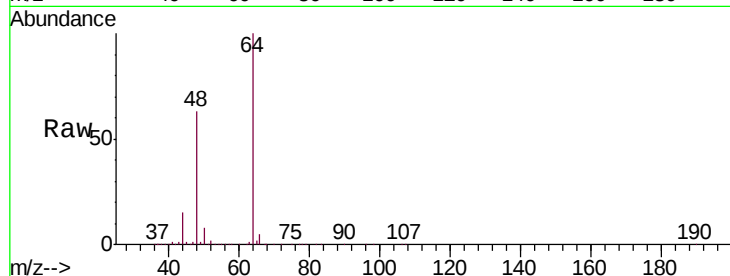
F9P58

Tgt Ion: 50 Resp: 9769

Ion Ratio Lower Upper

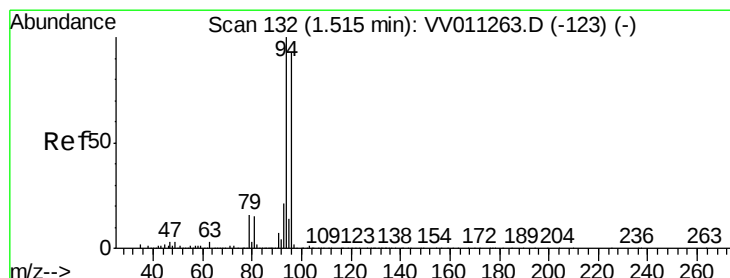
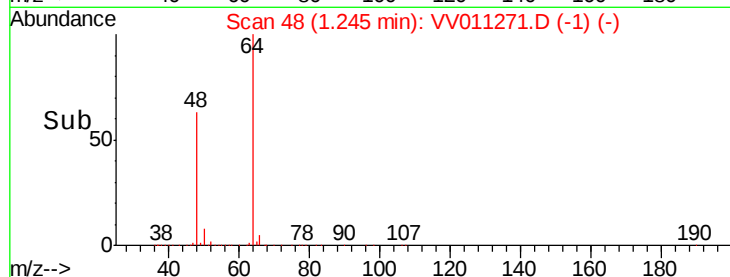
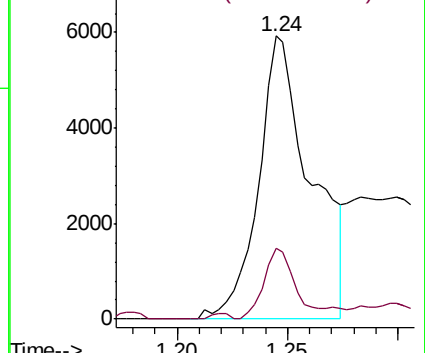
50 100

52 25.1 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#6

Bromomethane

Concen: 0.321 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.02 min

Lab File: VV011271.D

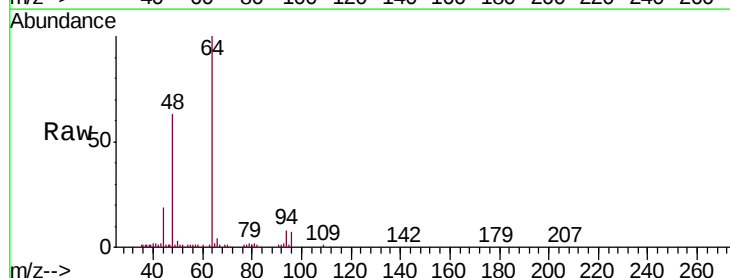
Acq: 07 Jun 2019 04:40

Tgt Ion: 94 Resp: 2469

Ion Ratio Lower Upper

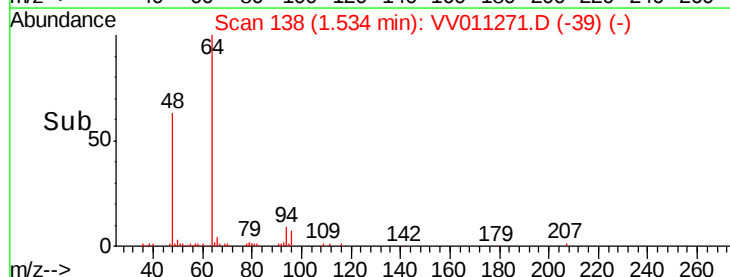
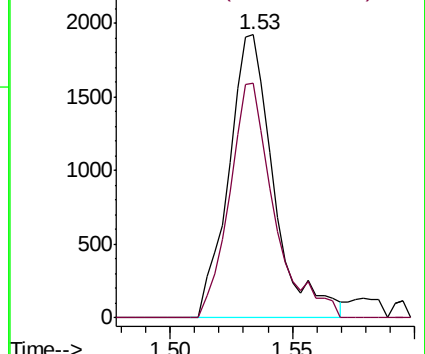
94 100

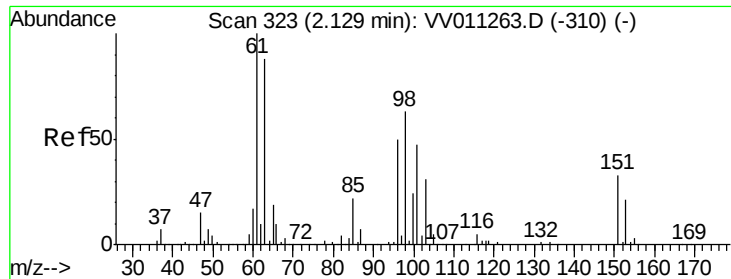
96 82.8 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.087 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV011271.D

Acq: 07 Jun 2019 04:40

Instrument :

MSVOA_V

ClientSampleId :

F9P58

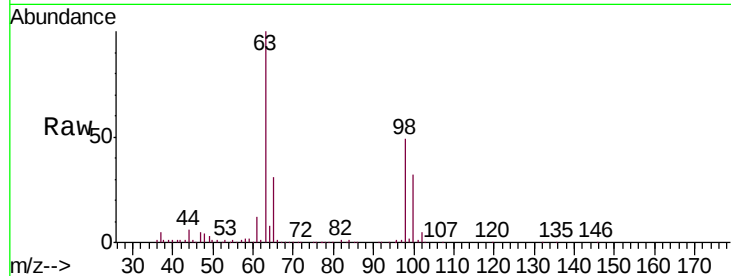
Tgt Ion:101 Resp: 907

Ion Ratio Lower Upper

101 100

85 4.9 35.5 53.3#

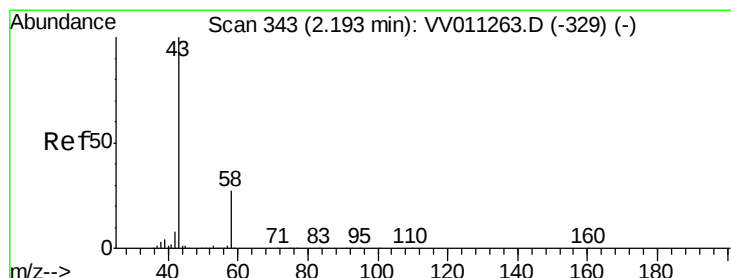
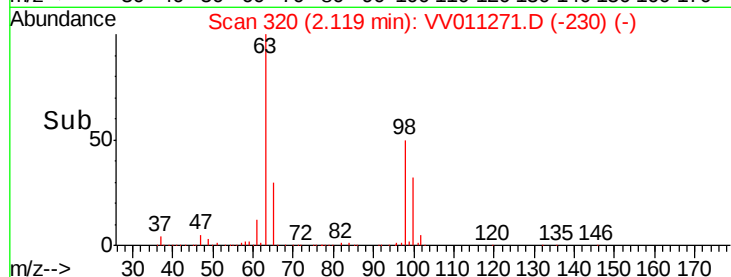
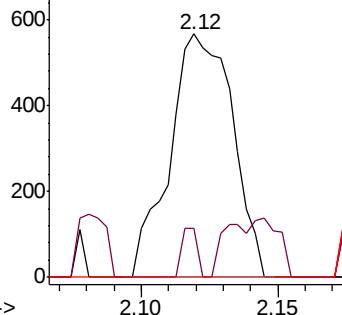
151 0.0 56.9 85.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 5.568 ug/L

RT: 2.24 min Scan# 356

Delta R.T. 0.04 min

Lab File: VV011271.D

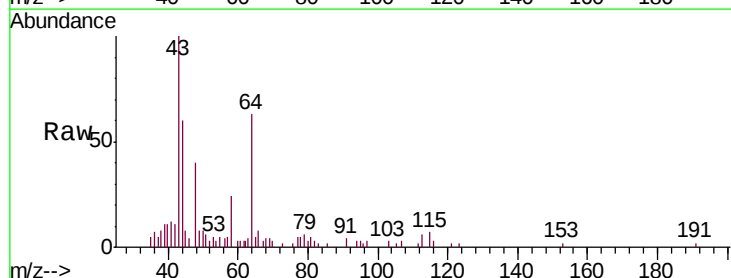
Acq: 07 Jun 2019 04:40

Tgt Ion: 43 Resp: 10239

Ion Ratio Lower Upper

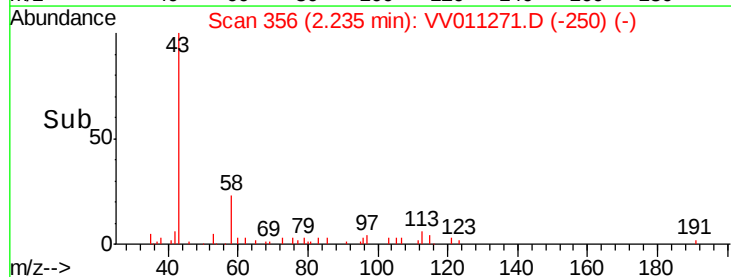
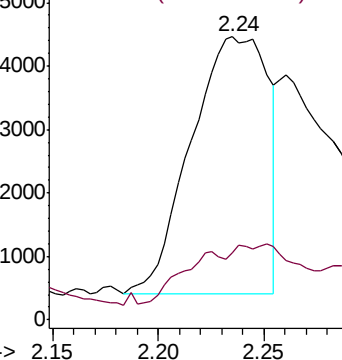
43 100

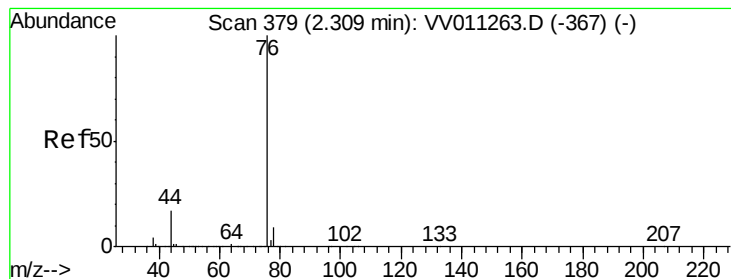
58 1.3 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#14

Carbon disulfide

Concen: 3.253 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV011271.D

Acq: 07 Jun 2019 04:40

Instrument :

MSVOA_V

ClientSampleId :

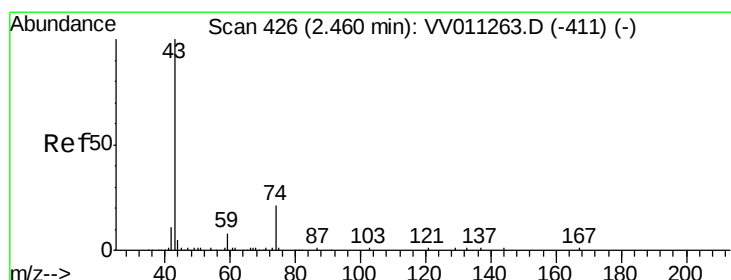
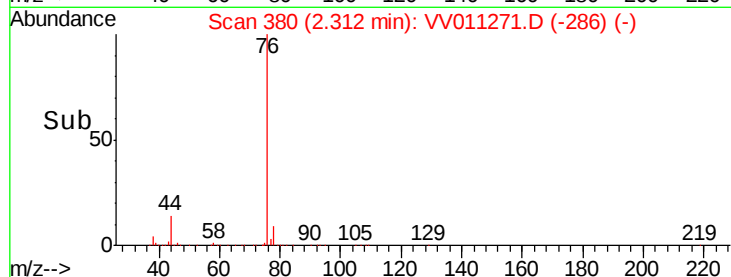
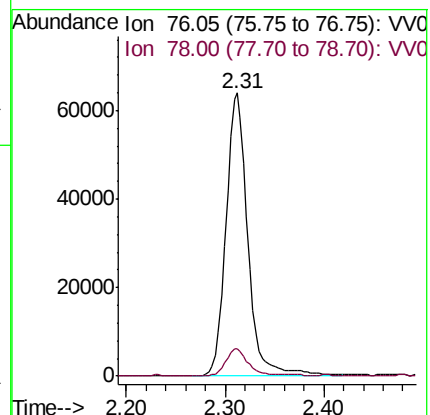
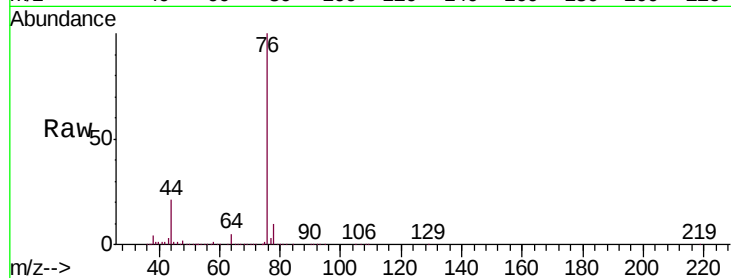
F9P58

Tgt Ion: 76 Resp: 99968

Ion Ratio Lower Upper

76 100

78 9.9 7.3 10.9



#15

Methyl Acetate

Concen: 1.505 ug/L

RT: 2.47 min Scan# 430

Delta R.T. 0.01 min

Lab File: VV011271.D

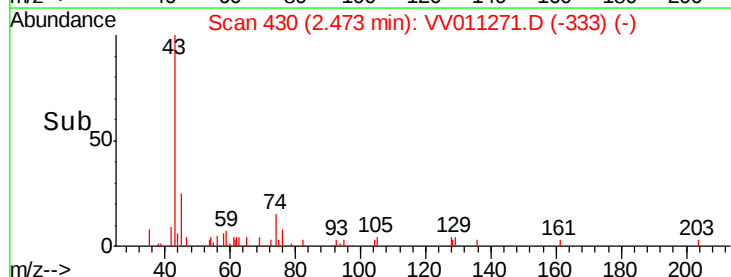
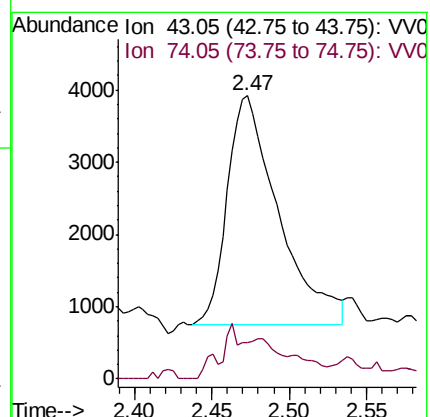
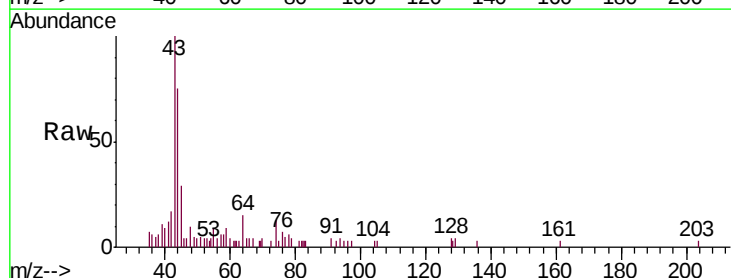
Acq: 07 Jun 2019 04:40

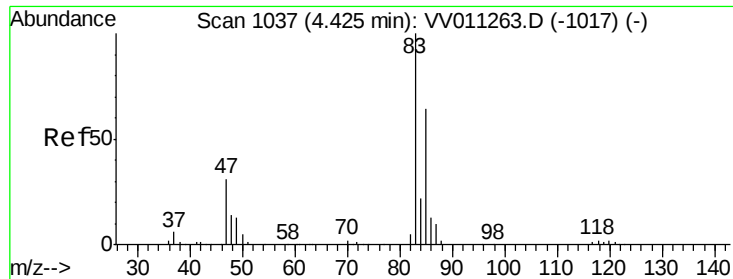
Tgt Ion: 43 Resp: 7353

Ion Ratio Lower Upper

43 100

74 4.4 18.5 27.7#

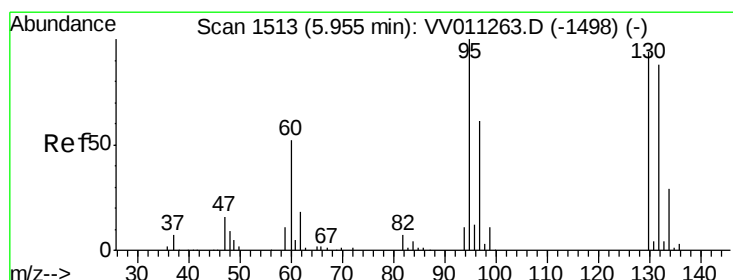
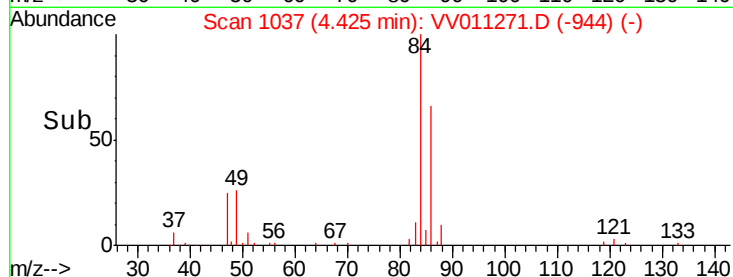
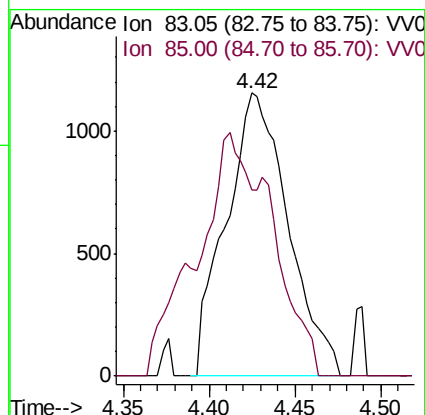
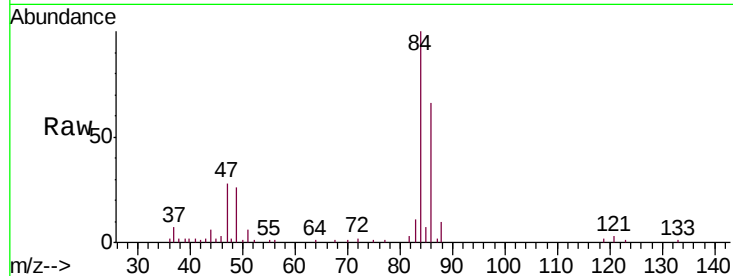




#25
Chloroform
Concen: 0.126 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011271.D
Acq: 07 Jun 2019 04:40

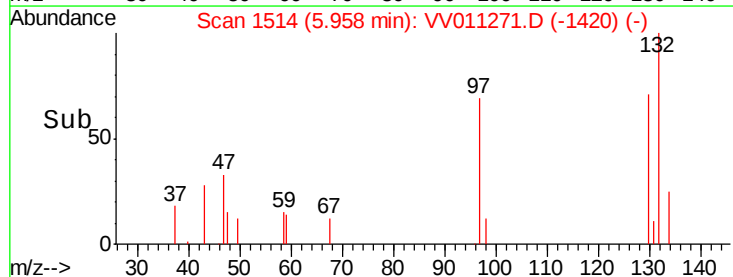
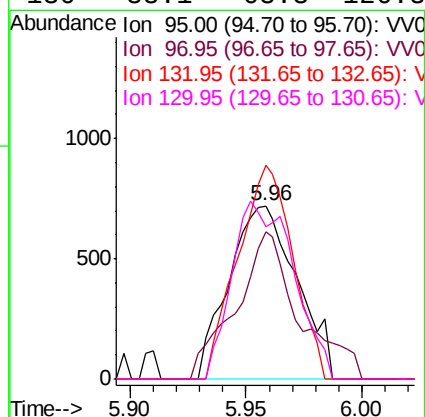
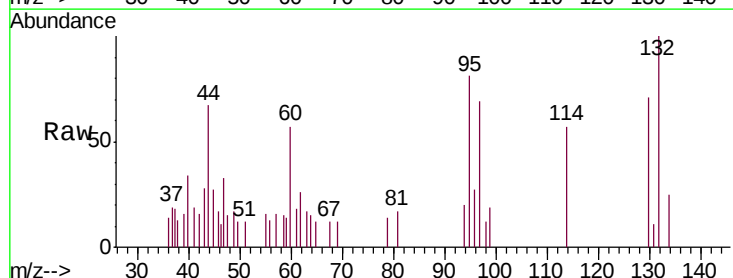
Instrument :
MSVOA_V
ClientSampled :
F9P58

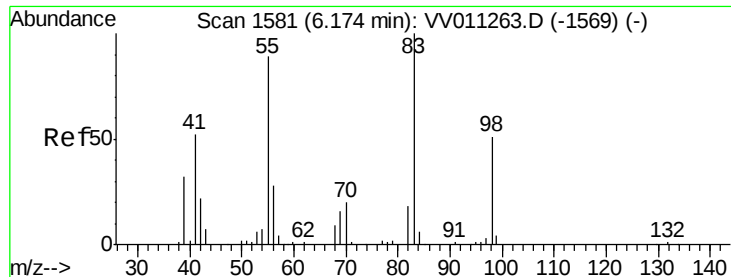
Tgt Ion: 83 Resp: 2917
Ion Ratio Lower Upper
83 100
85 65.6 44.1 81.9



#34
Trichloroethene
Concen: 0.122 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV011271.D
Acq: 07 Jun 2019 04:40

Tgt Ion: 95 Resp: 1461
Ion Ratio Lower Upper
95 100
97 85.0 45.8 85.2
132 123.5 66.4 123.2#
130 88.1 68.3 126.8





#35

Methylcyclohexane

Concen: 0.739 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV011271.D

Acq: 07 Jun 2019 04:40

Instrument :

MSVOA_V

ClientSampleId :

F9P58

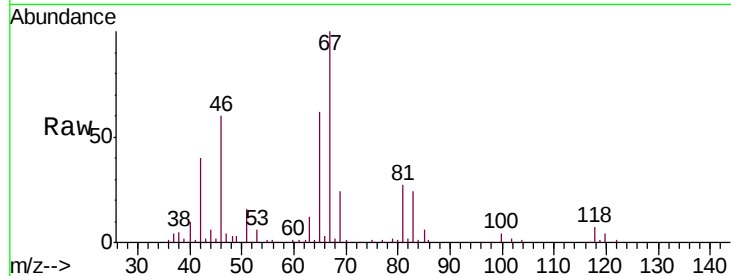
Tgt Ion: 83 Resp: 14675

Ion Ratio Lower Upper

83 100

55 1.5 67.0 100.6#

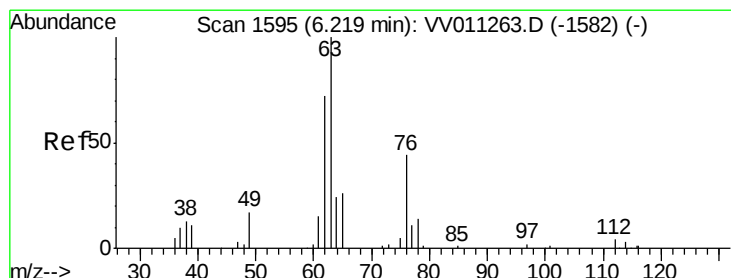
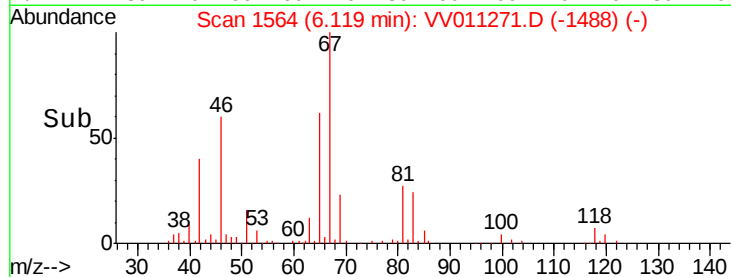
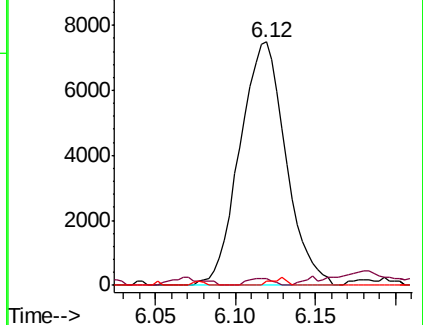
98 1.0 40.0 60.0#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.699 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV011271.D

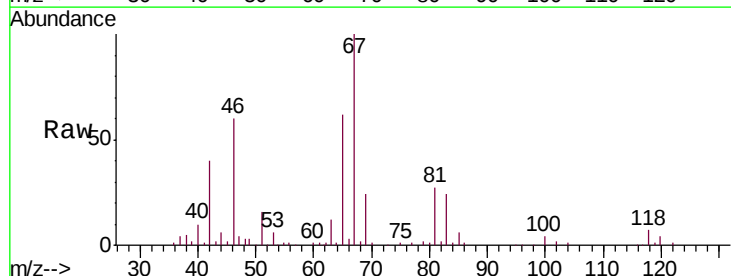
Acq: 07 Jun 2019 04:40

Tgt Ion: 63 Resp: 8079

Ion Ratio Lower Upper

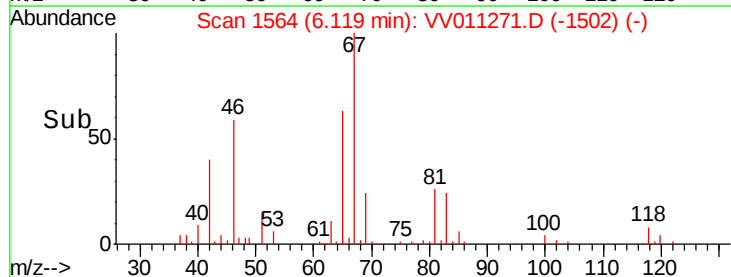
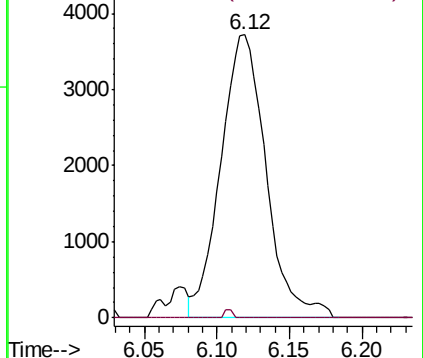
63 100

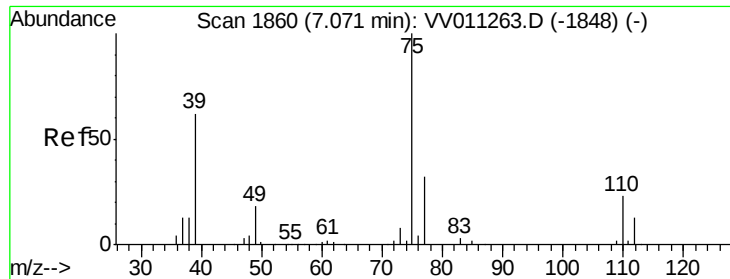
112 0.5 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

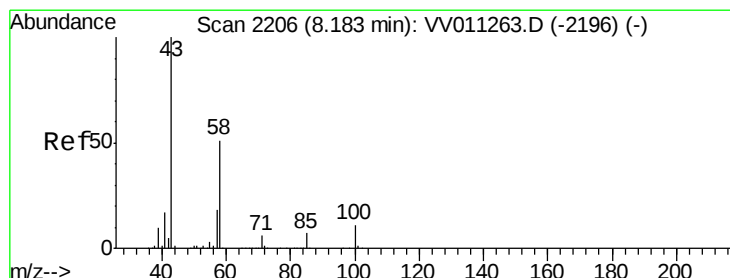
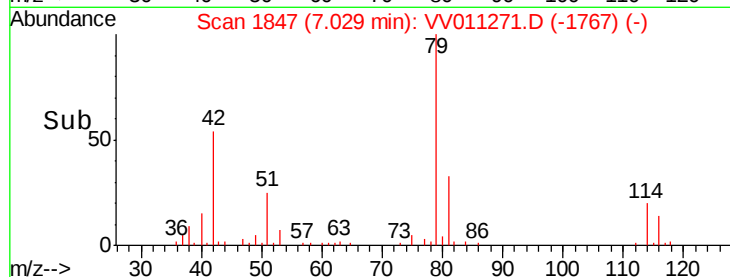
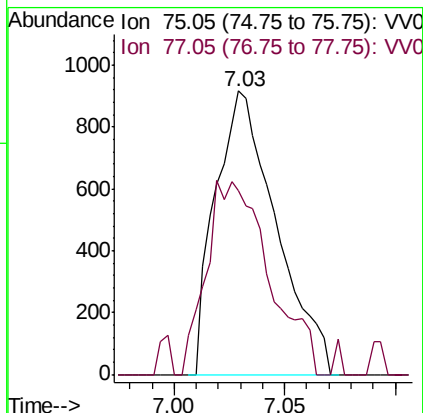
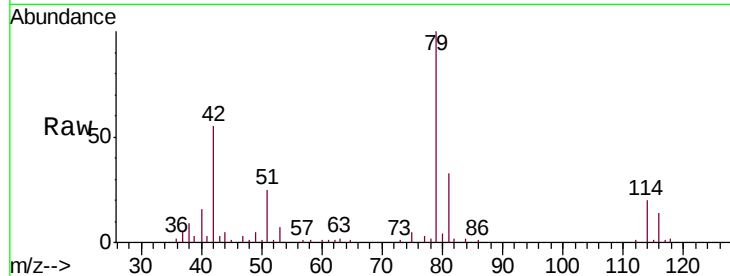




#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011271.D
 Acq: 07 Jun 2019 04:40

Instrument :
 MSVOA_V
 ClientSampleID :
 F9P58

Tgt Ion: 75 Resp: 1752
 Ion Ratio Lower Upper
 75 100
 77 65.0 22.2 41.2#



#48
 2-Hexanone
 Concen: 2.788 ug/L
 RT: 8.19 min Scan# 2209
 Delta R.T. 0.01 min
 Lab File: VV011271.D
 Acq: 07 Jun 2019 04:40

Tgt Ion: 43 Resp: 14313
 Ion Ratio Lower Upper
 43 100
 58 52.0 41.4 62.0
 57 35.1 15.0 22.4#
 100 12.1 9.0 13.4

